WHAT IS CLAIMED IS:

1. A screw nut assembly for an actuation device which comprises a screw, comprising a main screw nut and a safety screw nut engaged with the screw, for synchronously driving the screw to perform axial linear displacement, wherein the safety screw nut includes an exterior surface and the main screw nut includes a receiving portion for receiving the safety screw nut, the exterior surface of the safety screw nut and an interior surface of the receiving portion of the main screw nut further comprise a notch and a resilient member to be engaged with the notch.

2. The assembly of Claim 1, wherein the main screw nut is fabricated from plastic material and the safety screw nut is fabricated from metal.

3. The assembly of Claim 1, wherein the notch is formed on the interior surface of the receiving portion and the resilient member is mounted to the exterior surface of the safety screw nut.

4. The assembly of Claim 3, wherein the resilient member includes a resilient arm having one end extending from the exterior surface of the safety screw nut and an elongate arm extending along the exterior surface and spaced from the exterior surface by a gap.

5. The assembly according to Claim 1, wherein the notch is formed on the exterior surface of the safety screw nut and the resilient member is mounted to the interior surface of the receiving portion.

6. The assembly according to Claim 5, wherein the resilient member includes a resilient arm having one end extending from the interior surface of the receiving portion and an elongate arm extending along the interior surface and spaced from the interior surface by a gap.